



GARY R. HERBERT  
Governor

GREG BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

#### Representatives Present During the Inspection:

OGM Pete Hess Environmental Scientist III

## Inspection Report

Permit Number:	C0070016
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, June 08, 2010
Start Date/Time:	6/8/2010 12:36:00 PM
End Date/Time:	6/8/2010 1:39:00 PM
Last Inspection:	Thursday, May 13, 2010

Inspector: Pete Hess, Environmental Scientist III

Weather: Mostly clear; a few cumulus clouds. 80s F.

InspectionID Report Number: 2383

Accepted by: jhelfric

6/21/2010

Permitee: **MOUNTAIN COAL CO**

Operator: **MOUNTAIN COAL CO**

Site: **GORDON CREEK 2, 7 & 8 MINES**

Address: **HC 35 BOX 380, HELPER UT 84526**

County: **CARBON**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **RECLAIMED**

#### Current Acreages

179.27	<b>Total Permitted</b>
34.15	<b>Total Disturbed</b>
32.52	<b>Phase I</b>
32.52	<b>Phase II</b>
0.73	<b>Phase III</b>

#### Mineral Ownership

- ☒ Federal
- ☐ State
- ☐ County
- ☒ Fee
- ☐ Other

#### Types of Operations

- ☒ Underground
- ☐ Surface
- ☐ Loadout
- ☐ Processing
- ☐ Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The reclaimed site remains unchanged since the inspection last month. New spring vegetation appears to be doing well.

Inspector's Signature:

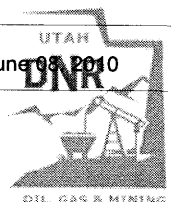
Pete Hess, Environmental Scientist III

Inspector ID Number: 46

Date

Tuesday, June 08, 2010

Note: This inspection report is submitted to the Division of Oil, Gas and Mining as part of the regulatory program of the Division of Oil, Gas and Mining. telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • [www.ogm.utah.gov](http://www.ogm.utah.gov)



**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**1. Permits, Change, Transfer, Renewal, Sale**

The State issued R645 permit was last renewed in August of 2009 for a five year period.

**4.a Hydrologic Balance: Diversions**

The reclamation channels at the site remain in a stable condition.

**4.b Hydrologic Balance: Sediment Ponds and Impoundments**

Jacob's Pond was observed as dry; no compliance issues were identified. The annual impoundment inspection and certification for Jacob's Pond was performed on September 15, 2009, by Dan Guy, P.E., Blackhawk Engineering Company. No compliance issues or safety hazards were observed at that time.

**4.d Hydrologic Balance: Water Monitoring**

No flow was observed in Bryner Creek. The only water observed was a very minor flow from the spring reporting to the reclamation diversion above Jacob's Pond (mine #8 portal area). All flow was being absorbed into the ground ( no water was making it into the pond).

**9. Protection of Fish, Wildlife and Related Environmental Issues**

One eagle was observed soaring over to the west. No other wildlife was seen at the site.

**13. Revegetation**

Vegetation at the site appears to be doing well. At this time, there is no sign of vegetation dying from lack of water.

**21. Bonding and Insurance**

Mountain Coal Company maintains the required general liability insurance through the National Union Fire Insurance Company. The current coverage remains in effect through July 31, 2010. Coverage for damage from the use of explosives is provided, although there are no storage magazines at the site. A surety bond in the amount of \$ 641,443.00 is guaranteed by the St. Paul Fire and Marine Insurance Company to ensure the remainder of any required reclamation activities at this site. The 3 cell sediment pond at the site was reclaimed in October 2007. To date, no bond release applications for the pond area have been received by the Division. Dr. Patrick Collins of Mt. Nebo Scientific conducted a vegetation survey of the site during 2009. That report was not finalized until after the 2009 Annual Report information had been finalized and submitted to the Division. A second veg survey is to be conducted this year. These are being prepared in anticipation of a bond release application.